

**GUIDELINE V3  
INSTALLATION  
MANUAL  
v 2.1**

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# 1. Introduction to GuideLine Installation

## 1.1 Introduction to FCS License Manager

FCS License Manager is a software that allows several alternatives in installing GuideLine, each one of them addressing different needs and having specific advantages. It supports two license types:

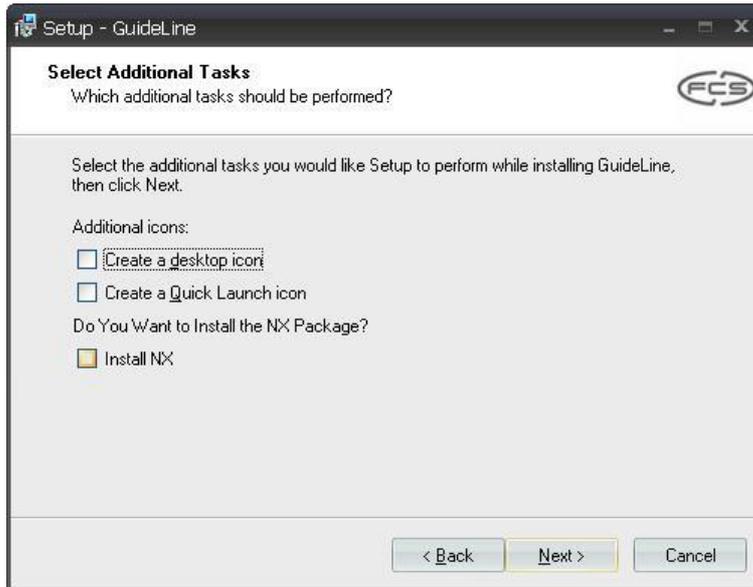
- Node-locked: this license is linked to the PC where GuideLine and FCS License Manager are installed. It enables one user to run GuideLine, which is the local user logged into the machine (no network access);
- Floating: this allows the usage of GuideLine to multiple users within a network. It is physically installed on the machine where the FCS License Manager is installed (License Server) and allow the usage of GuideLine to as many concurrent users as included in the activation code.

It is important to note that FCS License Manager is a separate software than GuideLine itself: this offers a further level of flexibility allowing the server/client installation of GuideLine. That configuration can be advantageous particularly for large organizations, since the SW can be centralized in a single installation, accessed by network users, and maintained from a single instance instead of several local installations.

To resume, please refer to the table below:

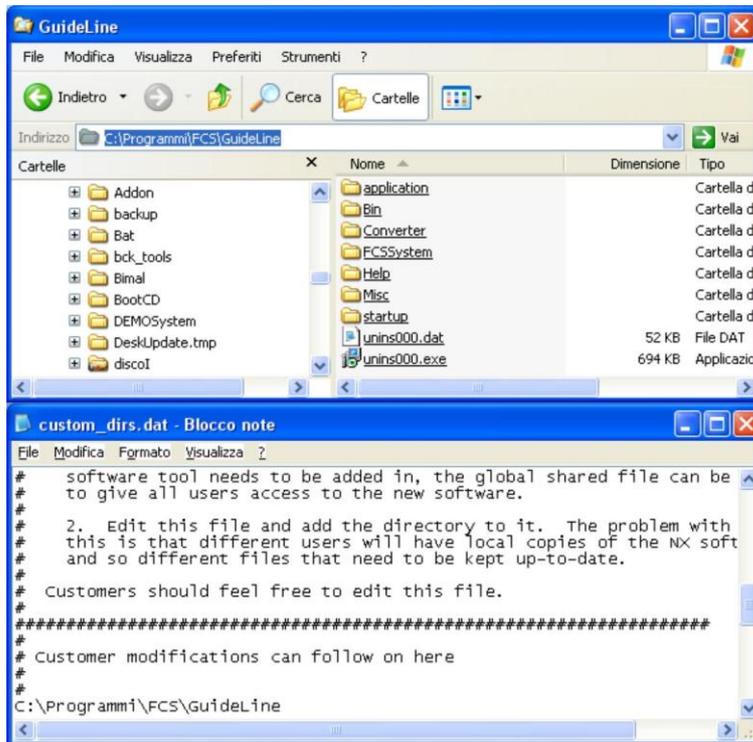
	LOCAL GUIDELINE INSTALLATION	SERVER GUIDELINE INSTALLATION
LICENSE NODE-LOCKED	GuideLine and FCS LM are both locally installed into the PC that runs GuideLine. Any user of the PC can run GuideLine, one at a time	GuideLine is installed on a server, but the license is local. Any user of the PC can run GuideLine, one at a time, but GuideLine is installed centrally on the server (i.e. sharing the components' library)
LICENSE FLOATING	FCS LM is installed on a server and GuideLine is installed locally. Licenses are managed by the server therefore any network user having GuideLine installed locally can run it. Maximum concurrent users are limited by the license code. GuideLine is managed locally (i.e. components' library may be different)	Both GuideLine and FCS LM are installed on a server. Licenses are managed by the server, therefore any network user can run GuideLine. Maximum concurrent users are limited by the license code. GuideLine is managed centrally on the server (i.e. sharing the components' library)

## 1.2NX and Links



Install NX add to the Library the prt files and an NX integration with Siemens NX.  
In order to use the integration between NX and GuideLine an extra (manual) step is required:

- 1) Open NX->Information->NX Log File
- 2) Edit-> Find
- 3) Find the value for UGII\_CUSTOM\_DIRECTORY\_FILE
- 4) Open the custom directory File
- 5) Add to the custom directory file the path where GuideLine is installed:



- 6) If the GuideLine is on the server, execute caspol.bat (caspol\_x64.bat for X64 Machines)

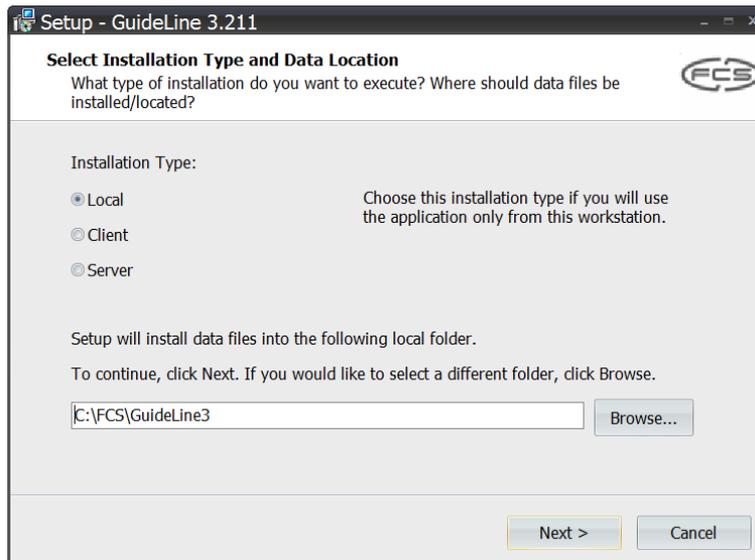
## 2. Guideline installation: local configuration

This configuration must be used with node-locked license, which can be accessed by the machine where it is installed only. It installs the software components and the license manager on the local machine (see [Introduction to FCS License Manager](#) for more details).

Please, note that a local installation can be use a floating license accessing a separate license server too (see [Upgrade Node Locked License to a Floating License](#)).

### 2.1 Installing GuideLine Local

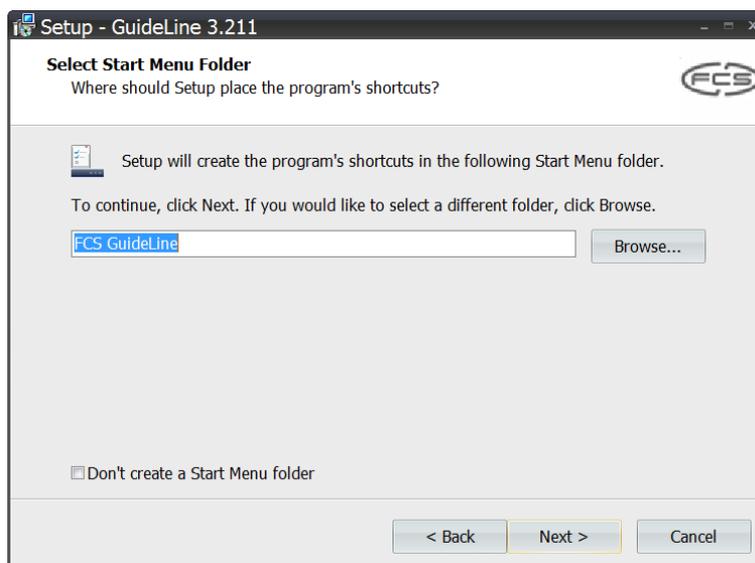
Launch “GuidelineSetup\_v\_3.211.exe” and select “Local” from the installation type window (see below).



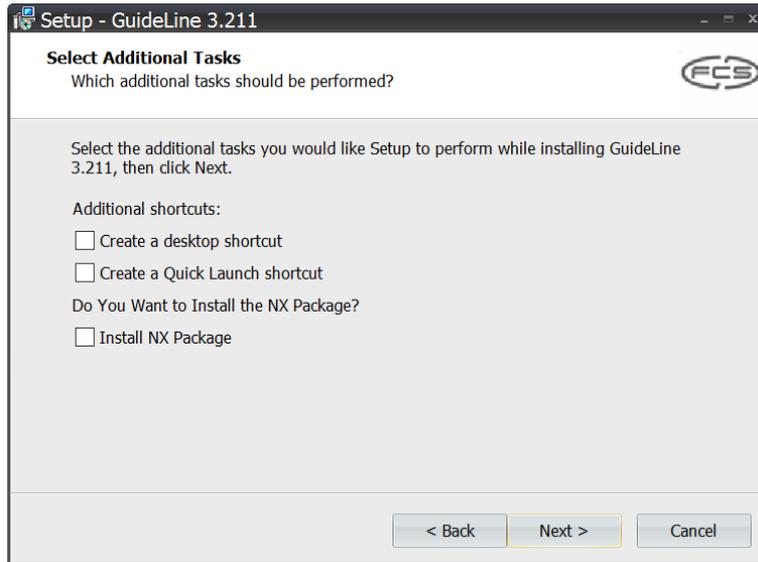
Select folder installation by clicking “Browse” and click “Next”.

**IMPORTANT:** although Guideline will install correctly, we recommend not to install the software in a folder under “C:\Program Files\...”, since Windows will set permissions that will prevent Guideline to import correctly custom components. Those permissions are not editable, even for an administrator. A path like “C:\FCS\Guideline3” will be safer.

In the following widow, specify the folder’s name that will appear on Window’s start menu and press “Next”

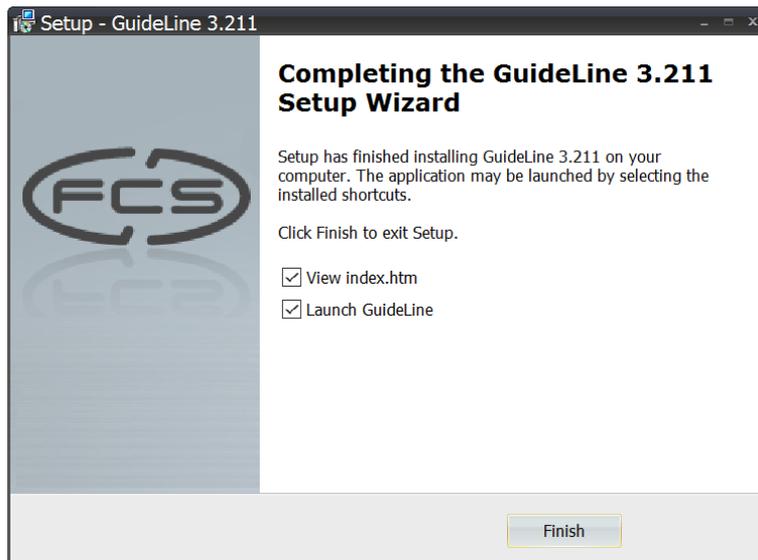


The Additional Tasks window will display:



“Install NX Package” installs GuideLine’s elements that enable the integration with Siemens NX. For further details, please, refer to [NX and Links](#).

On the resume window, press “Next” if you confirm the installation or “Back” to modify it. From the final window, Index can be displayed and GuideLine launched straight away.



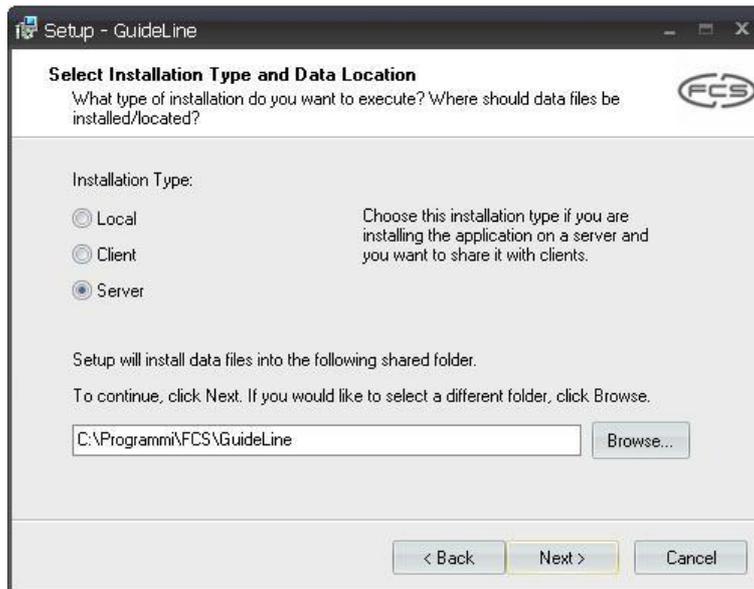
### 3. Guideline installation: Server-Client configuration

This configuration must be used with floating licenses, which can be accessed by more than a user on different machines in the network. It requires the installation of GuideLine Server onto a PC that will manage the access to the license (from now on “Server”) and the installation of one GuideLine Client (“Client”) on each of the PC that licenses must be accessed from.

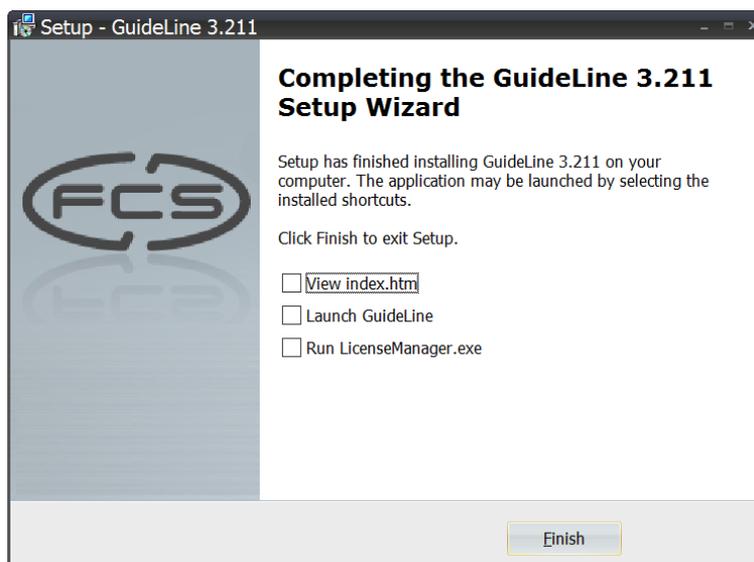
#### 3.1 Installing GuideLine Server

This option installs both GuideLine and FCS License Manager. The machine can be then used as a full installation of GuideLine (server + client) or as license server only.

To begin with the installation, launch “GuideLineSetup\_v\_3.211.exe” and select “Server” from the installation type window (see below).

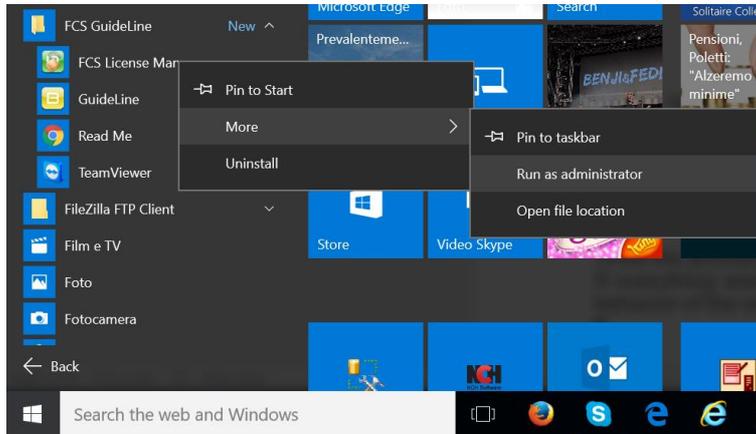


When the setup is done please DO NOT CHECK the “Run LicenseManager.exe” box: it must be run as administrator later (see [Entering the Activation Code](#)). Click Finish and exit from setup.

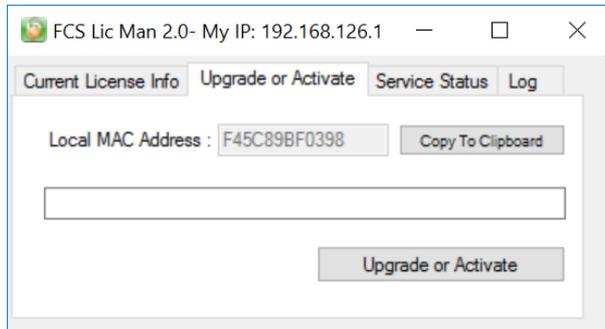


### 3.1.1 Entering the Activation Code

From Windows Start Menu, run as administrator the FCS License Manager (right-click->More->Run as Administrator).



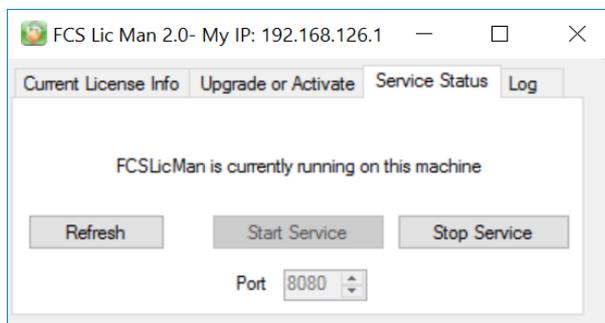
Once open, navigate to the “Upgrade or Activate” Tab and insert your Activation code, then click the “Upgrade or Activate” button.



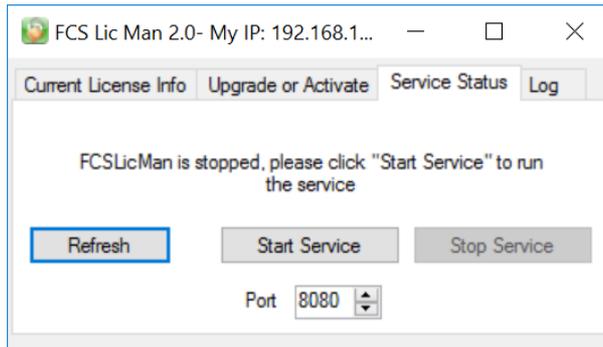
If you don't have an activation code yet or the one yours is invalid, you can request it to BCK Solutions ([info@bcksolutions.com](mailto:info@bcksolutions.com)), indicating the Server's MAC Address (you can Copy it to Clipboard from this window and paste it to your email).

### 3.1.2 Checking the service status

Once the activation process is completed, click on the “Service Status” Tab. If everything went fine during the installation process you should see a message that confirm the correct behavior of the service.



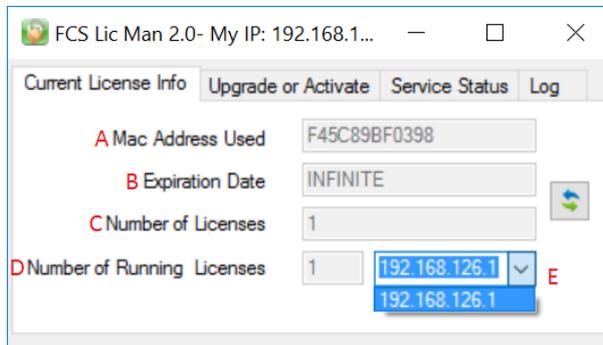
If the process is stopped or is not starting automatically, please click on the “Start Service” button



With the process stopped, the communication port can also be changed, in case of conflicts with the firewall

### 3.1.3 Current License Info

Navigating to the “Current License Info” Tab, is always possible to access to the main information about the current License

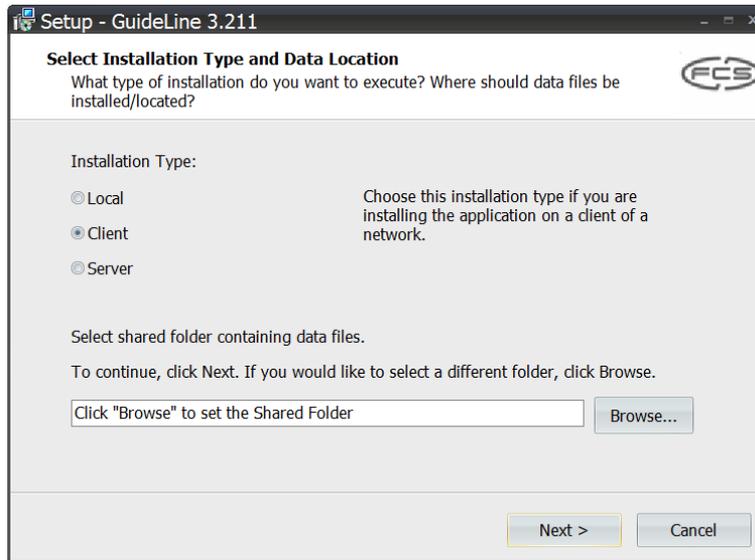


- A. The Mac address being used for the current License.
- B. The Expiration date of the current License.
- C. The maximum number of concurrent GuideLine that is possible to run together on your network using the current License.
- D. The number of GuideLine being used on you Network.
- E. The IP addresses of the PC that are using GuideLine.

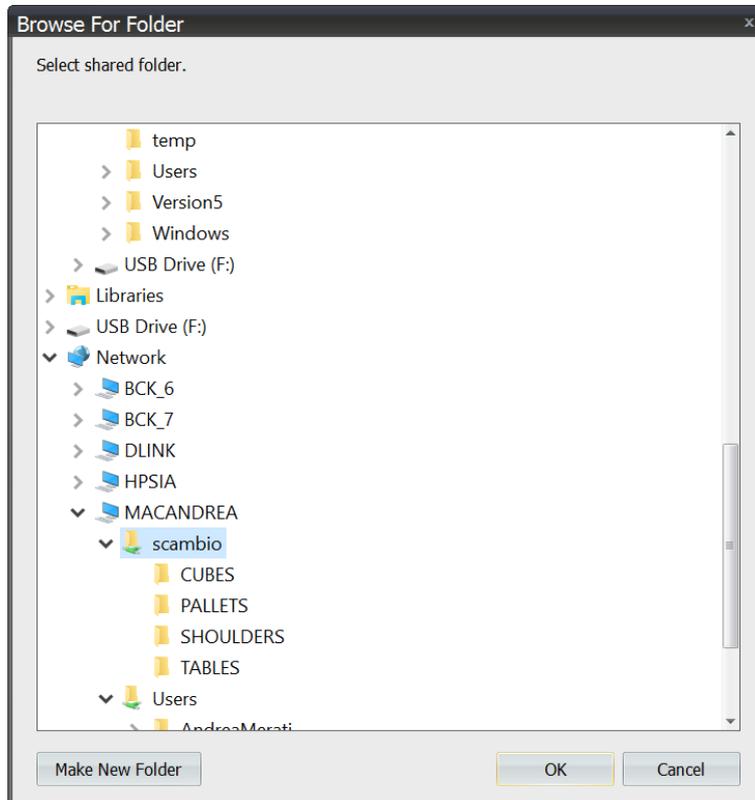
### 3.2 Installing GuideLine Client

This option creates a GuideLine's client, which requires to specify the license server afterwards. It can be installed in any PC in the network able to access the shared folder on the server, where GuideLine is installed.

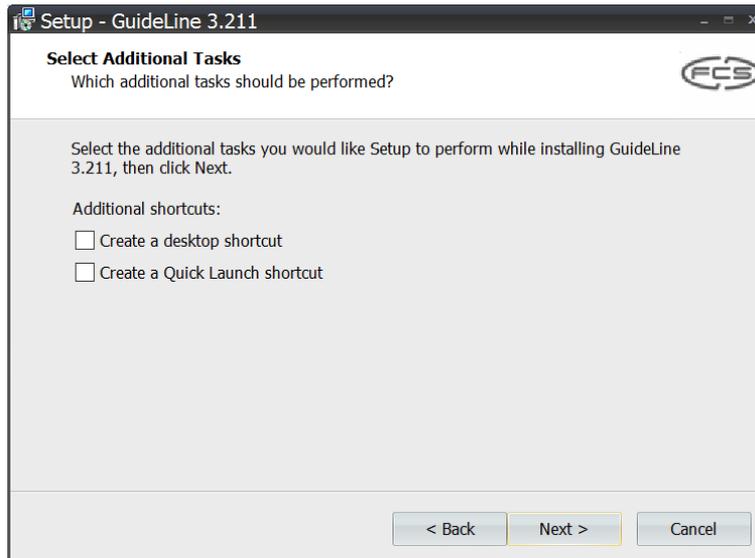
To begin with with the installation, launch "GuideLineSetup\_v\_3.211.exe" and select "Server" from the installation type window (see below).



The installation requires then to browse for the shared folder where GuideLine sw is installed. Please note that the folder can also be local in the machine where the client is going to be installed.

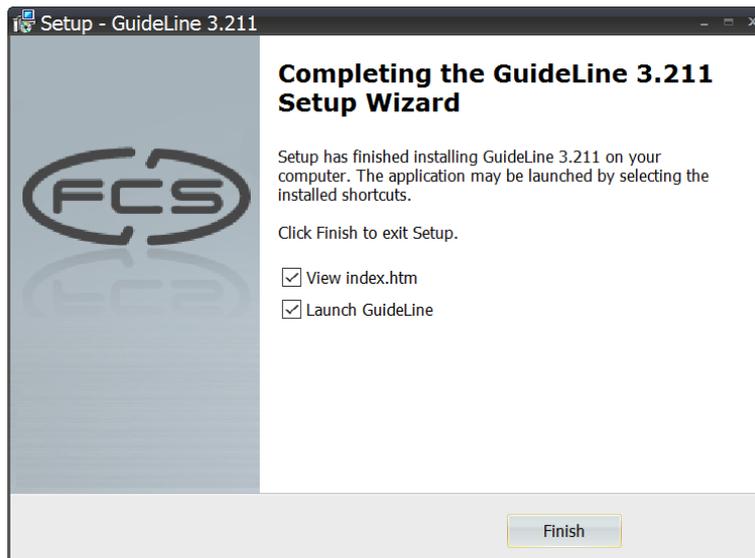


The Additional Tasks window will display:



As you may notice, "Install NX" option is not present, since the client will read the installation on the server and have the integration installed, eventually.

From the final window, Index can be displayed and GuideLine launched straight away.



## 4. Using GuideLine with the License Manager

### 4.1 First Time Activation

The first time that GuideLine (either node-locked or client floating) is launched, the following window is displayed:

In case you are running a local installation, paste the activation code into Node Locked License tab.

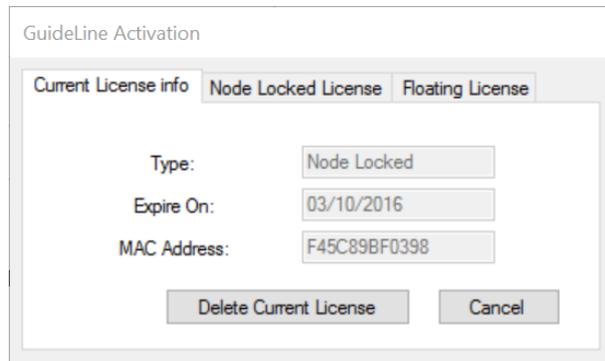
If you are launching a client of a floating license, click on "Floating License" Tab and insert the address of the machine where the FCS License Manager is running and then click Activate.

In the case that the license server is the machine you are launching the sw from, you can select "LocalHost", option.

Once the process is fully configured a message will confirm that you are using one of your available Licenses

## 4.2 Upgrade Node Locked License to a Floating License

Click on the “Change License Information” button in GuideLine.   
The following window will appear.



GuideLine Activation

Current License info Node Locked License Floating License

Type: Node Locked

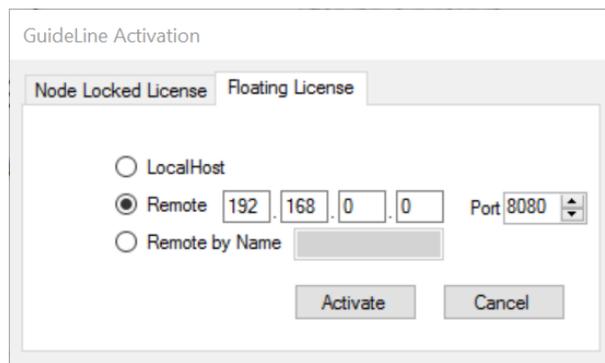
Expire On: 03/10/2016

MAC Address: F45C89BF0398

Delete Current License Cancel

First, press “Delete Current License” button and confirm pressing “Yes” on the window popping up.

Then, click once again on the “Change License Information” button in GuideLine.  and navigate to “Floating License” Tab, insert the address of the machine where the FCS License Manager is running and then click Activate.



GuideLine Activation

Node Locked License Floating License

LocalHost

Remote 192 . 168 . 0 . 0 Port 8080

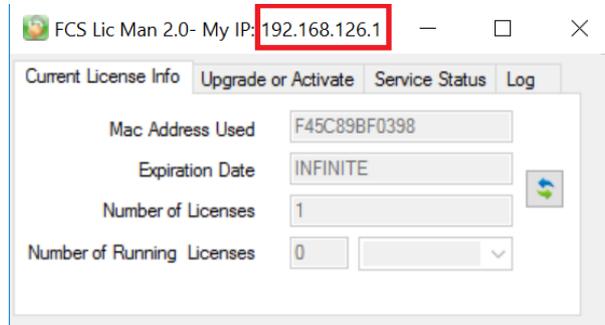
Remote by Name

Activate Cancel

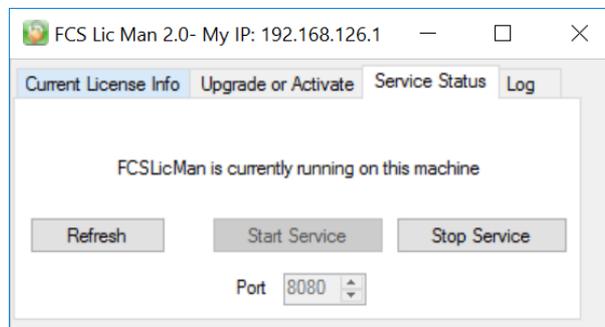
### 4.3 Troubleshooting during Activation

If you encounter an issue during the activation process, please be sure that the IP address you have entered is the correct address of the PC on which the service is installed.

You can check the correct address with the FCS License Manager.



Also check if the service is currently running.



If the problem persists, please contact BCK Solutions.

### 4.4 TimeOut

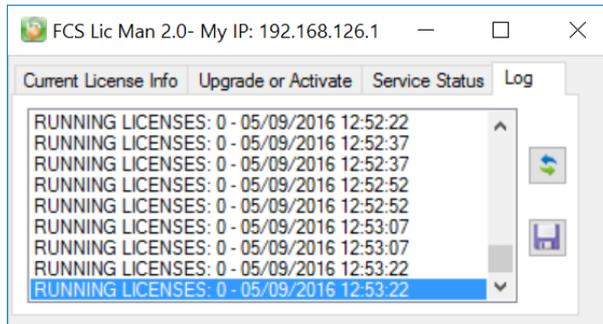
If the server become unreachable for about 4 minutes the current instance of GuideLine will be frozen. The associated license will be freed so it can be used by another PC but the current one will be able only to save until the Server is hooked again.

## 5. Log

### 5.1 Reading the Log

Open the FCS License Manager and navigate to the “Log” tab. Here a lot of useful information could be found, including if a PC that is using GuideLine become unreachable and is then frozen out.

The Log is updated about every 30 seconds, it could be refreshed pressing the button 



### 5.2 Saving the Log

To save the log press the button  and choose the location to store the file.

If you encounter problems during the network configuration, we recommend to send the log file to BCK Solutions together with your request of assistance.